

**INTERNATIONAL SCHOOL**

**CAPSTONE PROJECT 1**

**CMU-CS 246 HIS**

**PROJECT PLAN DOCUMENT**

Version: 1.1

**SOFTWARE TO SUPPORT**

**CALCULATIONS – STSC**

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***Team Member*:**

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**Trang, Pham Minh Trang**

**Hung, Vo Phi**

**Hoa, Nguyen Bui Ngoc**

**Toan, Kim Ngoc Viet**

**Approved by Huy Nguyen Dang Quang**

**Project Plan Review Panel Representative:**

Name Signature Date

**Capstone Project 1- Mentor:**

Name Signature Date

Da Nang, 09/2022

**PROJECT INFORMATION**

| **Project Acronym** | STSC |
| --- | --- |
| **Project Title** | Software to support calculations | | | | |
| **Start Date** | 25 – Jan–2024 | **End Date** | | 20 – Feb –2024 | |
| **Lead Institution** | International School, Duy Tan University | | | | |
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**PROJECT PLAN DOCUMENT**

| **Document Title** | Project Plan Document | | |
| --- | --- | --- | --- |
| **Author(s)** | CMU-CS 246 TEAM 6 | | |
| **Date** | Feb 2th, 2024 | **File name:** | CMU-CS 246 HIS-team 6 |
| **URL** | https://drive.google.com/drive/folders/1bdoYeSvxQzp7I6ABxpDtHhSTYsSq59eG?usp=drive\_link | | |
| **Access** | Project and CMU Program | | |

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| **Date:** |  |
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| **Date:** |  |
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| **Date:** |  |

**REVISION HISTORY**

| **Version** | **Person(s)** | **Date** | **Description** |
| --- | --- | --- | --- |
| **1.0** | All members | Jan 28th, 2024 | Draf |
| **1.1** | Nhan,Tran Van | Feb 20th, 2024 | Final |

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# 1. PROJECT DESCRIPTION

| **Project code** | FMS | **Contract type** | Internal Project |
| --- | --- | --- | --- |
| **Customer** | N/A | **End-user** | Management,  employee, kitchen staff of company |
| **Project type** | Internal | **Project Manager/**  **Scrum Master** | Hoa, Nguyen Bui Ngoc |
| **Project category** | food and personnel management | **Business Domain** | AI |
| **Application type** | Web Applcation |  |  |

***Table 1:*** *Project Description*

*The software supports calculations that increase performance, accuracy and cost savings. It provides powerful tools for data analysis and decision making, and is flexible and easily scalable. For both work and education, this software is an important resource for solving complex problems effectively.*

## 2. DETAILED SCHEDULE

| **No.** | **Task Name** | **Duration (Days)** | **Start** | **Finish** | **Assign to** |
| --- | --- | --- | --- | --- | --- |
| **1** | **Initial** | **7** | **25/01/2024** | **26/01/2024** | **Hoa, Toan, Vu, Hung** |
| 1.1 | Project Kick-off Meeting | 1 day | 27/01/2024 | 27/01/2024 | **Hoa, Toan, Vu, Hung,Hoang** |
| 1.2 | Discuss about project ideal | 1 day | 28/01/2024 | 28/01/2024 | Hoa, Toan, Vu, Hung,Hoang |
| 1.3 | Create Proposal Document | 1 day | 29/01/2024 | 29/01/2024 | Hoa, Toan, Vu, Hung,Hoang |
| 1.4 | Create Project Plan Document | 1 days | 30/01/2024 | 30/01/2024 | Hung |
| 1.5 | Create Product Backlog Document | 1 days | 31/01//2024 | 31/01/2024 | Hoa, Toan, Vu, Hung,Hoang,  Trang |
| 1.6 | Create User Story | 1 days | 01/02/2024 | 01/02/2024 | Toan |
| 1.7 | Review Document | 1 day | 02/02/2024 | 02/02/2024 | Hoa, Toan, Trang |
| **2** | **Development** | **7** | **03/02/2022** | **10/02/2024** | Hoa, Toan, Vu, Hung,Hoang |
| **2.1** | **Sprint 1** | **7** | **04/02/2024** | **11/02/2024** | **Vu, Trang** |
| **2.1.1** | **Start Sprint 1** | **1** | **05/02/2024** | **05/02/2024** | **Hoa,Toan** |
| 2.1.1.1 | Sprint Planning Meeting | 1 | 06/02/2024 | 06/02/2024 | Hoa, Toan, Vu, Hung,Hoang |
| 2.1.1.2 | Create Sprint backlog for Sprint 1 | 1 | 07/02/2024 | 07/02/2024 | Trang |
| 2.1.1.3 | Create User Interface for sprint 1 | 1 | 08/02/2024 | 08/02/2024 | Vu |
| 2.1.1.4 | Create Test plan document for sprint 1 | 1 | 09/02/2024 | 09/02/2024 | Hoang |
| 2.1.1.5 | Create Database document for Sprint 1 | 1 | 10/02/2024 | 10/02/2024 | Toan |
| 2.1.1.6 | Create Architecture Design document for sprint 1 | 1 | 10/02/2024 | 10/02/2024 | Trang |
| **2.1.2** | **Design UI for sprint 1** | **2** | **04/02/2024** | **06/02/2024** | **Trang, Hoa, Vu,Toan** |
| 2.1.2.1 | Design UI for the Login | 1 | **04/02/2024** | **05/02/2024** | **Trang, Hoa, Vu,Toan** |
| 2.1.2.2 | Design UI for Logout | 1 | **04/02/2024** | **05/02/2024** | **Trang, Hoa, Vu,Toan** |
| 2.1.2.3 | Design UI for the Homepage for Kitchen Part | 1 | **04/02/2024** | **05/02/2024** | **Trang, Hoa, Vu,Toan** |
| 2.1.2.4 | Design UI for Manage Menu | 1 | **04/02/2024** | **05/02/2024** | **Trang, Hoa, Vu,Toan** |
| 2.1.2.5 | Design UI for Supplier Management | 1 | **04/02/2024** | **05/02/2024** | **Trang, Hoa, Vu,Toan** |
| 2.1.2.6 | Design UI for Material Magement | 1 | **04/02/2024** | **05/02/2024** | **Trang, Hoa, Vu,Toan** |
| 2.1.2.7 | Design UI for Change Password | 1 | **04/02/2024** | **05/02/2024** | **Trang, Hoa, Vu,Toan** |
| 2.1.2.8 | Design UI for View Registration | 1 | **04/02/2024** | **05/02/2024** | **Trang, Hoa, Vu,Toan** |
| 2.1.2.9 | Design UI for View HomePage Admin | 1 | **04/02/2024** | **05/02/2024** | **Trang, Hoa, Vu,Toan** |
| **2.1.3** | **Design Test Case for sprint 1** | **2** | **04/02/2024** | **05/02/2024** | **Trang, Hoa, Vu,Toan** |
| **2.1.4** | **Code for sprint 1** | **11** | **04/02/2024** | **07/02/2024** | **Trang,Hung ,Vu,Hoang ,Toan,Hoa** |
| 2.1.4.1 | UI for the Login | 1 | **04/02/2024** | **04/02/2024** | Trang |
| 2.1.4.2 | UI for the Logout | 1 | **04/02/2024** | **04/02/2024** | Trang |
| 2.1.4.3 | UI for the Homepage for Kitchen part | 1 | **04/02/2024** | **04/02/2024** | Trang |
| 2.1.4.4 | UI for Manage Menu | 1 | **04/02/2024** | **04/02/2024** | Trang |
| 2.1.4.5 | UI for Supplier Management | 1 | **04/02/2024** | **04/02/2024** | Trang |
| 2.1.4.6 | UI for Material Management | 1 | 05/02/2024 | 05/02/2024 | Hung |
| 2.1.4.7 | UI for Change Password | 1 | 05/02/2024 | 05/02/2024 | Hung |
| 2.1.4.8 | UI for View Registration | 1 | 05/02/2024 | 05/02/2024 | Hung |
| 2.1.4.9 | UI for Homepage Admin | 1 | 05/02/2024 | 05/02/2024 | Hung |
| 2.1.4.10 | [Back-end] Login | 1 | 06/02/2024 | 06/02/2024 | Vu |
| 2.1.4.11 | [Back-end] Logout | 1 | 06/02/2024 | 06/02/2024 | Vu |
| 2.1.4.11 | [Back-end] Change Password | 1 | 06/02/2024 | 06/02/2024 | Vu |
| 2.1.4.12 | [Back-end] Supplier Management | 2 | 06/02/2024 | 07/02/2024 | Vu |
| 2.1.4.13 | [Back-end] Material Management | 2 | 08/02/2024 | 10/02/2024 | Hoang |
| 2.1.4.13 | [Back-end] View Registration | 2 | 08/02/2024 | 10/02/2024 | Toan |
| 2.1.4.14 | [Back-end] Homepage Admin | 1 | 08/02/2024 | 09/02/2024 | Hoa |
| **2.1.5** | **Integration for sprint 1** | **1** | **09/02/2024** | **10/02/2024** | **Toan, Trang** |
| **2.1.6** | **Testing for sprint 1** | **2** | **10/02/2024** | **12/02/2024** | **Hoang** |
| **2.1.7** | **Sprint 1 Review Meeting** | **1** | **10/02/2024** | **10/02/2024** | Hoa, Toan, Vu, Hung,Hoang,  Trang |
| **2.1.8** | **Release Sprint 1** | **1** | **10/02/2024** | **10/02/2024** | Hoa, Toan, Vu, Hung,Hoang,  Trang |
| **2.2** | **Sprint 2** | **7** | **11/02/2024** | **11/02/2024** | Hoa, Toan, Vu, Hung,Hoang,  Trang |
| **2.2.1** | **Initial Sprint 2** | **1** | **11/02/2024** | **11/02/2024** | Hoa, Toan, Vu, Hung,Hoang |
| 2.2.1.1 | Sprint Planning Meeting | 1 | 12/02/2024 | 12/02/2024 | Hoa, Toan, Vu |
| 2.2.1.2 | Create Sprint backlog for Sprint 2 | 1 | 13/09/2024 | 13/09/2024 | Hung,Hoang |
| 2.2.1.3 | Create User Interface for sprint 2 | 1 | 14/02/2024 | 14/02/2024 | Hoang |
| 2.2.1.4 | Create Test Plan document for Sprint 2 | 1 | 15/02/2024 | 15/02/2024 | Hoa, Toan, Vu |
| 2.2.1.5 | Create Database document for Sprint 2 | 1 | 16/02/2024 | 16/02/2024 | Hung,Hoang |
| 2.2.1.6 | Create Architecture document for Sprint 2 | 2 | 16/02/2024 | 17/02/2024 | Hoa, Toan, Vu |
| **2.2.2** | **Design UI for sprint 2** | **1** | **17/02/2024** | **17/02/2024** | Hoa, Toan |
| 2.2.2.1 | Design Management Account | 1 | 18/02/2024 | 18/02/2024 | Hoa |
| 2.2.2.2 | Design UI Management Employee | 1 | 18/02/2024 | 18/02/2024 | Hoa |
| 2.2.2.3 | Design UI for Manage Department | 1 | 18/02/2024 | 18/02/2024 | Hoa |
| 2.2.2.4 | Design UI for Face Pattern Management | 1 | 18/02/2024 | 18/02/2024 | Hoa |
| **2.1.3** | **Design Test Case for sprint 2** | **2** | **18/02/2024** | **19/02/2024** | **Hoang** |
| **2.2.4** | **Code for sprint 2** | **11** | **19/02/2024** | **19/2/2024** | Hoa, Toan, Vu, Hung,Hoang |
| **2.4.2** | **Design UI** | **2** | **19/02/2024** | **20/02/2024** | Hoa, Toan, Vu, Hung,Hoang |
| 2.4.2.1 | Design UI for Food Regisstration | 1 | **19/02/2024** | **19/02/2024** | Hoa |
| 2.4.2.2 | Design UI for View Menu | 1 | **19/02/2024** | **19/02/2024** | Hoa |
| 2.4.2.3 | Design UI for Personal Profile | 1 | **19/02/2024** | **19/02/2024** | Hoa |
| 2.4.2.4 | Design UI for Receive Bill | 1 | **19/02/2024** | **19/02/2024** | Hoa |
| 2.4.2.5 | Design UI for Face Recognition | 1 | **19/02/2024** | **19/02/2024** | Hoa |
| **2.4.3** | **Design Test Case** | **2** | **19/02/2024** | **20/02/2024** | Hung,Hoang |
| **2.4.4** | **Coding** | **2** | **19/02/2024** | **20/02/2024** | Hoa, Toan, Vu, Hung,Hoang |
| 2.4.4.1 | UI for Food Regisstration | 1 | **20/02/2024** | **20/02/2024** | Hung,Hoang |
| 2.4.4.2 | UI for View Menu | 1 | **20/02/2024** | **20/02/2024** | Hung,Hoang |
| 2.4.4.3 | UI for Personal Profile | 1 | **20/02/2024** | **20/02/2024** | Hung,Hoang |
| 2.4.4.4 | UI for Receive Bill | 1 | **20/02/2024** | **20/02/2024** | Hung,Hoang |
| 2.4.4.5 | UI for Face Recognition | 1 | **20/02/2024** | **20/02/2024** | Hung,Hoang |
| 2.4.4.6 | [Back End] Login for Staff | 1 | **20/02/2024** | **20/02/2024** | Hung,Hoang |
| 2.4.4.7 | [Back End] Logout for Staff | 1 | **20/02/2024** | **20/02/2024** | Hung,Hoang |
| 2.4.4.8 | [Back End] Food Regisstration | 1 | **20/02/2024** | **20/02/2024** | Vu, Hung |
| 2.4.4.9 | [Back End] View Menu | 2 | **20/02/2024** | **21/02/2024** | Vu, Hung |
| 2.4.4.10 | [Back End] Personal Profile | 2 | **20/02/2024** | **21/02/2024** | Vu, Hung |
| 2.4.4.11 | [Back End] Receive Bill | 2 | **20/02/2024** | **21/02/2024** | Vu, Hung |
| 2.4.4.12 | [Back End] Face Recognition | 2 | **20/02/2024** | **21/02/2024** | Vu, Hung |
| **2.4.5** | **Integration for sprint 4** | **1** | **20/02/2024** | **20/02/2024** | Toan, Vu |
| **2.4.6** | **Testing** | **2** | **20/02/2024** | **21/02/2024** | Toan, Vu |
| **2.4.7** | **Sprint 1 Review Meeting** | **1** | **20/02/2024** | **20/02/2024** | Toan, Vu |
| **2.4.8** | **Release Sprint 4** | **1** | **20/02/2024** | **20/02/2024** | Toan, Vu |
| **3** | **Close Project** | **2** | **20/02/2024** | **21/02/2024** | Toan, Vu |
| 3.1 | Release | 1 | **20/02/2024** | **20/02/2024** | Toan, Vu |
| 3.2 | Project Meeting | 1 | **20/02/2024** | **20/02/2024** | Toan, Vu |
| 3.3 | Final Submission | 1 | **20/02/2024** | **20/02/2024** | Hoa, Toan, Vu, Hung,Hoang,  Trang |
|  | **Duration** | **25** | **27/01/2024** | **21/02/2024** | Hoa, Toan, Vu, Hung,Hoang,  Trang |

***Table 10:*** *detail schedule*

**3. REFERENCES**

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